



UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

SM

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
-----------------	-------------	----------------------	---------------------

08/013,543 02/04/93 SATO

R 35.06297-CON

005514 TM02/0801
FITZPATRICK CELLA HARPER & SCINTO
30 ROCKEFELLER PLAZA
NEW YORK NY 10112

EXAMINER

CHIANG, J

ART UNIT

PAPER NUMBER

2642

DATE MAILED:

08/01/01

63

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

Office Action Summary

Application No.

08/013,543

Applicant(s)

Sato et al.

Examiner

J. Huang

Group Art Unit

2642

63

—The MAILING DATE of this communication appears on the cover sheet beneath the correspondence address—

Period for Response

A SHORTENED STATUTORY PERIOD FOR RESPONSE IS SET TO EXPIRE -3- MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a response be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for response specified above is less than thirty (30) days, a response within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for response is specified above, such period shall, by default, expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to respond within the set or extended period for response will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).

Status

- ☒ Responsive to communication(s) filed on 4-18-01
- ☐ This action is FINAL.
- ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

Disposition of Claims

- ☒ Claim(s) 31-55 is/are pending in the application.
- ☐ Claim(s) have claim(s) is/are withdrawn from consideration.
- ☒ Claim(s) 35 is/are allowed.
- ☐ Claim(s) is/are rejected.
- ☐ Claim(s) is/are objected to.
- _____ are subject to restriction or election requirement.

Application Papers

- ☐ See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.
- ☐ The proposed drawing correction, filed on _____ is ☐ approved ☐ disapproved.
- ☐ The drawing(s) filed on _____ is/are objected to by the Examiner.
- ☐ The specification is objected to by the Examiner.
- ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119 (a)-(d)

- ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).
 - ☐ All ☐ Some* ☐ None of the CERTIFIED copies of the priority documents have been received.
 - ☐ received in Application No. (Series Code/Serial Number) _____
 - ☐ received in this national stage application from the International Bureau (PCT Rule 1.7.2(a)).

*Certified copies not received: _____

Attachment(s)

- ☐ Information Disclosure Statement(s), PTO-1449, Paper No(s). _____
- ☒ Notice of References Cited, PTO-892
- ☐ Notice of Draftsperson's Patent Drawing Review, PTO-948
- ☐ Interview Summary, PTO-413
- ☐ Notice of Informal Patent Application, PTO-152
- ☐ Other _____

Office Action Summary

Art Unit: 2642

CLAIMS

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

2. Claims 54 and 55 are rejected under 35 U.S.C. 102(e) as being anticipated by Zamora (US 4965763).

Regarding claims 54 and 55, Zamora shows:

Reading image information (col. 38, line 62);

Data conversion means for converting image information read from a recording medium to digital data (col. 38, lines 62-68);

An image memory or storing (col. 4, lines 24-25);

Character-recognition means (col. 5, lines 5-6);

Display control means which displays (1) a first frame containing only the read image information (see fig. 4), and (2) a second frame containing only the character-recognized data (information extracted according to fig. 7).

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and

Art Unit: 2642

the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 31-53 are rejected under 35 U.S.C. 103(a) as being unpatentable over Zamora in view of Queen (US 4807182).

Regarding claim 31, Zamora shows:

An information reader (col. 38, line 62);

Data conversion means for converting image information read from a recording medium to digital data (col. 38, lines 62-68);

An image memory (col. 4, lines 24-25);

Character-recognition means (col. 5, lines 5-6);

Display control means which displays (1) a first frame containing only the read image information (see fig. 4), and (2) a second frame containing only the character-recognized data (information extracted according to fig. 7).

Zamora differs from the claimed invention in that it does not explicitly mention that the first and second frames of the information are simultaneously displayed.

However, Queen teaches providing a concept of simultaneously displaying the first original frame of information and the second modified frame of information (see fig. 3).

Hence, if it is found that Zamora displays only one copy of the information at a time, then, it would have been obvious for one of ordinary skill in the art to modify Zamora by displaying the first copy of the information and the second modified copy of the information simultaneously as taught by Queen, such that the two versions of information can be compared, such as for auditing purpose (see background and summary of Queen).

Art Unit: 2642

Regarding claims 32-53, the combination of Zamora and Queen shows:

The side-by-side display and the first and second frames (see fig. 3 in Queen);

Extracting means (col. 5, lines 20-54 in Zamora);

A name and phone number (fig. 6);

Character memory control means (see FRAME MODULE in fig. 1);

Third frame (see one of figs. 3-8, see also comments in claim 31);

Registration means (see figs. 3-8) which has (1) the read information (fig. 4), and (2) the extracted information (see fig. 6);

A manual entry interface, correcting and adding means (ie computer keyboard, see col. 2, lines 14, col. 1, lines 18-23);

Copying means (figs. 6 and 8);

Searching means (col. 2, lines 14-24);

Selecting means (col. 2, lines 45-46);

A communication controller (col. 3, lines 25-28);

The image reader (col. 38, line 62);

The LCD display (col. 2, lines 29-30, col. 25, lines 33-35); and

Instruction for the reader, registration and display (col. 5, lines 57-59, col. 1, lines 27-30, 65-68).

Art Unit: 2642


ARGUMENT

5. In response to the remarks and the new scope of the invention (new claims 31-55), it appears that the combination of Zamora and Queen shows the claimed features, see rejection above.

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jack Chiang whose telephone number is 703-305-4728. The examiner can normally be reached on Mon-Fri. from 8:30 to 6:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Admad Matar, can be reached on (703) 305-4731. The fax phone number for the organization where this application or proceeding is assigned is 703-308-6306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-4700.


Jack Chiang
Primary Examiner
Art Unit 2642